Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Wednesday 15 Mar 2023 until 23:59 on Thursday 16 Mar 2023

Forecast Issued on Wednesday 15 Mar 2023 at 03:21

Confidence: High for the cold start, then milder and unsettled from later Wednesday, but lowering confidence for the detail of cloud, regime transitions and snow levels.

Headline for Wednesday 15 Mar 2023: Dry bright start, then snow developing from afternoon, erratically turning to rain during evening, as southerly winds strengthen.

Mountain weather hazards on Wednesday 15 Mar 2023

Blizzards Low Likelihood	**Heavy persistent snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Light snow	Heavy snow	Heavy snow	Sleet
Precipitation probability					
<05%	10%	30%	70%	90%	90%

Forecast for Wednesday 15 Mar 2023

Weather: Largely dry with bright spells at first this morning. Cloud gradually thickening and lowering from the west to bring patchy snow from mid-day, which becomes heavier from mid-afternoon, while also erratically turning to rain in the evening.

Chance of cloud-free hill tops above 800m: 90% becoming 50% early afternoon, 10% or less from late afternoon.

Low cloud and visibility: Good or very good becoming moderate or poor in later rain, very poor in snow and within cloud, with bases lowering 500-700m infrequently for morning, quite frequently for afternoon, then widespread for the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 15 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	20/23 S	20/24 S	19/25 S	22/28 S	29/38 SE	37/46 SE	37/46 S
600	13/16 SW	16/20 S	19/26 S	19/27 S	29/40 SE	32/46 SE	30/43 S
300	2/13 S	3/12 S	8/18 S	9/22 S	11/30 SE	9/30 S	8/28 S
Valley	0/9 SE	2/11 SE	7/15 S	7/18 S	9/24 SE	9/26 SE	8/25 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-4/-12	-3/-10	-3/-10	-3/-11	-1/-9	1/-7	2/-5
600	-3/-8	-1/-7	-0/-7	-1/-7	-1/-8	1/-6	3/-4
300	-1/-3	0/-2	2/-2	2/-2	1/-3	3/-1	4/1
Valley	0/-1	2/0	4/2	4/1	3/-1	5/2	6/4
Freezing Level*	100m	300m	400m	400m	500m	1600m	1800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Icy early. Hill fog becoming quite extensive late in the day. Chance of blizzards at height later in the day.

Forecast for Thursday 16 Mar 2023

Weather: Overcast with periods of rain at first, turning heavy at times, this combined with strong to gale winds brings some difficult conditions. Improving for the afternoon and evening with a mix of showers and cloud breaks spreading from the west.

Maximum wind: South to southwest mean 30-35 mph with gusts reaching 50 mph at times across most exposed ridges and summits. Winds easing a little from the afternoon.

Chance of cloud-free hill tops above 800m: Nil becoming 50-60% for the afternoon

Low cloud and visibility: Good or very good becoming moderate or poor in rain, very poor within cloud, with bases extensive from 500m at first, occasionally so in the showery flow from afternoon.

Temperature: **Valleys:** Plus 2 Celsius increasing 12 Celsius during the afternoon
At 800m: Plus 4 Celsius
Freezing level: Above all peaks

Friday	Rather cloudy with occasional showers, some turning heavy bringing the risk of hail and thunder. Fresh southerly winds.
Saturday	Showers or longer periods of rain, turning heavy at times, with continuing risk of hail and thunder, also summit snow developing, then turning drier, with clear spells later in day. Fresh southwest winds.
Sunday	Fair at first, then rain spreading from the west later in the day.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Ground Conditions Supplement
No recent ground conditions report available.

Issued at: 02:21 on Wed 15 Mar 2023

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
© Crown Copyright 2023. All Rights Reserved.